

POLYMERIZED WAX CANDLES

ABSTRACT

A candle made with a wax base and a synthetic thermoplastic rubber
5 copolymer. The wax base may be prepared from a variety of sources including
petroleum sources, animal sources, vegetable sources, synthetic sources, and blends
thereof. The synthetic thermoplastic rubber copolymer may be a diblock, triblock,
radial block, multiblock copolymers, and blends thereof. In addition to the wax base
and the synthetic thermoplastic rubber copolymer, candles made according to the
10 invention can also include stabilizers, fragrances, dyes as well as other standard
candle additives. Moreover, candles produced according to the invention have several
cost saving advantages. The addition of the synthetic thermoplastic rubber copolymer
allows for the production of high quality candles while utilizing less expensive wax
bases. Additionally, disclosed candles decrease processing times and percent defects.

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